

Cetirizine (dihydrochloride)

Catalog No: tcsc1798



Available Sizes

Size: 100mg

Size: 200mg

Size: 500mg



Specifications

CAS No:

83881-52-1

Formula:

$C_{21}H_{27}Cl_3N_2O_3$

Pathway:

Immunology/Inflammation;GPCR/G Protein

Target:

Histamine Receptor;Histamine Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 15.5 mg/mL (33.56 mM)

Alternative Names:

P071

Observed Molecular Weight:

461.81

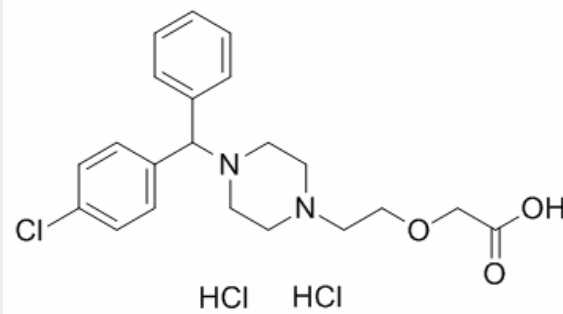
Product Description

Cetirizine 2HCl, a second-generation antihistamine, is a major metabolite of hydroxyzine, and a racemic selective H1 receptor inverse agonist used in the treatment of allergies, hay fever, angioedema, and urticaria.

IC50 value:

Target: Histamine H1 receptor

Cetirizine crosses the blood-brain barrier only slightly, reducing the sedative side-effect common with older antihistamines. It has also been shown to inhibit eosinophil chemotaxis and LTB4 release. At a dosage of 20 mg, Boone et al. found that it inhibited the expression of VCAM-1 in patients with atopic dermatitis. The levorotary enantiomer of cetirizine, known as levocetirizine, is the more active form. From Wikipedia.



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